

## a) CA

Titel Antiseptic compositions for medical fabrics and cleansing tissues, 4 pp.

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Patent JP 01093506 A2 19890412 JP 1987-250691 19871006

JP 2506125 B2 19960612

Abstr Fabrics and paper tissues contain borax 0.4-4.0, aminomonocarboxylic acid polymer 0.1-1.0, benzalkonium chloride 0.1-1.0, and a silicone 1-10% by wt. and used as diapers, cleansing tissues, etc. Thus, a microbicidal compn. was prepd. consisting of aminomonocarboxylic acid polymer (10% aq. soln.) 25, benzalkonium (10% aq. soln.) 25, a silicone emulsion 30, glycerin 30, l-menthol (10 g in 200 mL EtOH) 30, a perfume (10 mL in 90 mL EtOH) 60, borax (4.4% aq. soln.) 400, and water 400 mL. A cloth was soaked in this soln. to give a soft, sterilized material.

IC ICM A01N059-14 ICS C11D001-10; C11D001-62; C11D003-48

Index Quaternary ammonium compounds (alkylbenzyltrimethyl, chlorides)  
Bactericides, Disinfectants, and Antiseptics Fungicides and Fungistats  
Polyamides.

## b) WPI

Titel Bactericidal and softening compsn. for treating fibres - comprises oil-in-water emulsion contg. borax, poly amino mono carboxylic acid, benzalkonium chloride and silicone tone-improving agent.

Anm KATO Y

Patent JP 01093506 A 19890412 (198921)\* 4p

JP 2506125 B2 19960612 (199628) 4p A01N059-14 ADT

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IC A01N033-12; A01N037-44; A01N059-14; A61K031-19; A61K033-22; C11D001-10; C11D003-48; D06M013-46; D06M021-00 ICM A01N059-14 ICS A01N033-12;  
A01N037-44; A61K031-19; A61K031-195; A61K033-22; C11D001-10; C11D001-62; C11D001-88; C11D003-48; D06M011-82; D06M013-46; D06M013-463; D06M015-643;

Abstr. Bactericidal and softening compsn. comprises O/W type emulsion contg. borax, polyamino-monocarboxylic acid, benzalkonium chloride and silicone series tone-improving agent as principal components. In the compsn., the contents of borax is pref. 0.4-4 wt.%, polyamino-monocarboxylic acid is pref. 0.1-1 wt.%, benzalkonium chloride is pref. 0.1-1 wt.%, and silicone series tone-improving agent is pref. 1-10 wt.%.

USE/ADVANTAGE - The compsn. has low toxicity and is safe and has good antibacterial and antifungal activity. Prod. has good effect on various kinds of fibre products or material paper in cleaning material, etc.. In an example, compsn. comprised polyamino- monocarboxylic acid (anon LG) 10 wt.%, aq. soln. 25 ml benzalkonium chloride 10 wt.%, aq. soln., 25 ml, silicone emulsion aq. soln. (Polon MF-17) 30 ml glycerol 30 ml, l-menthol alcohol soln.

(10g of l-menthol in 200 ml of EtOH) 30 ml), perfume alcohol soln. (10 ml of perfumes in 90 ml of EtOH) 60ml, brax 4.4 wt.% aq. soln. 400 ml distilled H<sub>2</sub>O 400 ml.

c) Internet (ESPACENET)

Titel INSECTICIDAL AND SOFTENER COMPOSITION

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Anm YUJI KATO; others: 01

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IPC A01N59/14 ; C11D1/10 ; C11D1/62 ; C11D3/48

Equiv. JP2506125B2

Abstr PURPOSE: To obtain the titled composition, consisting of an O/W type emulsion containing borax, polyaminomonocarboxylic acid, benzalkonium chloride and silicone based feeling improver as principal ingredients and suitable as wet towels, towels, diapers, sheets, etc.

CONSTITUTION: A germicidal and softener composition, containing 0.4-4wt.% borax, 0.1-1wt.% polyaminomonocarboxylic acid, 0.1-1wt.% benzalkonium chloride and 1-10wt.% silicone based feeling improver (i.e. various silicone emulsions) as principal ingredients, usable for sterilizing and softening treatment of textile products, such as wet towels, diapers or sheets, nightclothes or underwears, such as bathrobes or pajamas, or as a cleaning agent by permeating into paper, etc., and capable of improving feeling of use. The skin cleaning action and germicidal action of the above-mentioned composition are synergistically exhibited with softening action on textile products, tissue paper, etc